

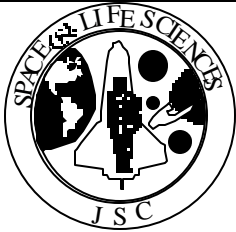
**Space and Life Sciences Directorate
Flight Readiness Review
ISS 2A.2b/STS-106**

D. R. Williams

Date: August 29, 2000

ISS 2A.2b/STS-106

**Flight Readiness Review
Space and Life Sciences Directorate**



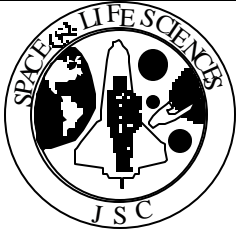
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ISS 2A.2b/STS-106**

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Date: August 29, 2000

ISS 2A.2b/STS-106 Space and Life Sciences Activities

- **Crew Health**
- **DTO's/DSO's**
- **Operations Support**
- **Open Items and Inflight Anomalies**
- **Readiness Statement**



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Crew Health

- **All Crew Physicals will be completed prior to flight**
 - **Applicable flight rules are in place**

US Flight Surgeon

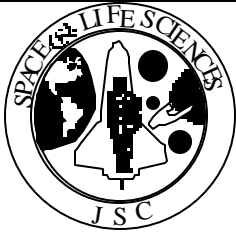
Philip Stepaniak, M.D.

US Deputy Flight Surgeon

Paul Stoner, M.D.

Russian Flight Surgeon

Yuri Katayev, M.D.



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DTO's/DSO's

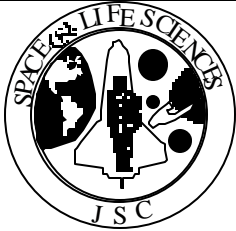
- **The following SLSD DSO's/DTO's have been manifested or scheduled for ISS2A.2b/STS-106:**

DSO 493 - Monitoring Latent Virus Reactivation and Shedding in Astronauts

DSO 496 - Individual Susceptibility to Post-Spaceflight Orthostatic Intolerance (Tilt Test) (pre/postflight only)

DSO 498 - Spaceflight and Immune Function (pre/postflight only)

DSO 499 - Eye Movements and Motion Perception Induced By Off-Verticle Axis Rotation (OVAR) at Small Angles of Tilt After Spaceflight (pre/postflight only)



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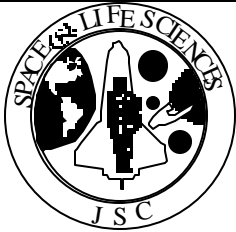
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Operational Support

- **SLSD Flight Management support is ready**
- **Flight Surgeon/Biomedical Engineer on-console support is ready**
- **Flight Projects Division Stowage Team ready to support**
- **Space Radiation Analysis Group (SRAG) ready to support**
- **Video Digital Analysis System (VDAS) Lab ready to support**
- **Earth Observation Group is ready to support**
- **Micrometeoroid/Orbital Debris (MMOD) ready to support;
on call for contingency analysis**

All Training and Flight procedures have been completed



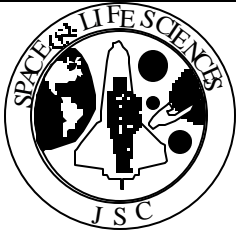
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Open Items and Inflight Anomalies (IFA's)

- **All remaining open work is planned and scheduled**
- **No open SSP IFA's or constraints**



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The activities required to support Flight ISS 2A.2b/STS-106 have been accomplished except for open work identified. The Space and Life Sciences Directorate is ready to support Flight ISS 2A.2b/STS-106.

There are no constraints to proceeding with the planned Flight ISS 2A.2b/STS-106 pending completion of scheduled open work.

Original Signed By

**W. A. Langdoc, Chief
Flight Projects Division**

Original Signed By

**J. L. Robinson, Ph.D., Chief
Program Integration Office**

Original Signed By

**G. McKay, Ph.D., Chief
Earth Science & Solar System
Exploration Division**

Original Signed By

**D. Dawson, M.D., Chief,
Medical Sciences Division**

Original Signed By

**C. M. Stegemoeller, Manager,
Human Space & Life Sciences
Program Office**

Original Signed By

**David R. Williams, M.D., Director
Space and Life Sciences Directorate**